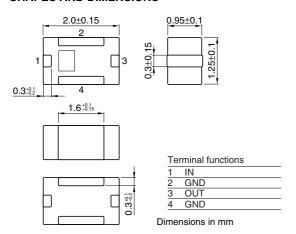


# **Multilayer Chip Band Pass Filters For 5.0GHz W-LAN**

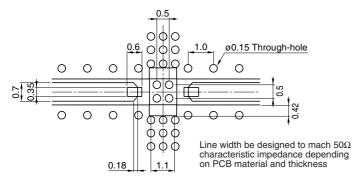
**Conformity to RoHS Directive** 

## DEA Series DEA205375BT-2054A1

#### **SHAPES AND DIMENSIONS**



#### **RECOMMENDED PC BOARD PATTERNS**



Dimensions in mm

### **ELECTRICAL CHARACTERISTICS**

Item				Minimum value	Typical value	Maximum value
Insertion loss	[25°C]	[4900 to 5850MHz]	(dB)	_	_	2.2
	[-40 to +85°C]	[4900 to 5850MHz]	(dB)	_	_	2.5
VSWR		[4900 to 5850MHz]		_	_	2.2
		[340 to 1195MHz]	(dB)	38.0	_	_
Attenuation		[2140 to 3580MHz]	(dB)	19.0	_	_
Allenuation		[6855 to 7150MHz]	(dB)	25.0	_	_
		[8570 to 8930MHz]	(dB)	20.0	_	_
Ripple		[4900 to 5850MHz]	(dB)	_	_	1.8
Tomporatura ranga		Operating	(°C)	-40	_	+85
Temperature range		Storage	(°C)	-40	_	+85

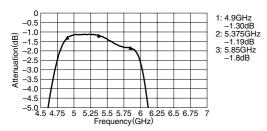
<sup>•</sup> Ta:+25°C

<sup>•</sup> Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

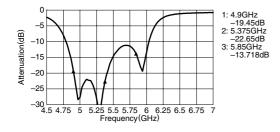
<sup>•</sup> All specifications are subject to change without notice.

#### ATOK

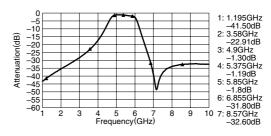
# FREQUENCY CHARACTERISTICS INSERTION LOSS



#### **RETURN LOSS**



#### **ATTENUATION**



#### **VSWR**

